ENTER AMENDMENT K.G 7/5/05

IN THE CLAIMS

Please cancel claims 23-25. The following listing of claims replaces all prior listings.

1. (Previously presented) A method comprising:

a) providing a porous substrate comprising a metal-coated contact surface, wherein the contact surface comprises one or more capture molecules;

b) contacting the surface with a sample comprising one or more analytes; and

c) using laser excitation and spectroscopy to detect and/or identify one or more analytes bound to a capture molecule.

2. (Original) The method of claim 1, wherein the substrate is a porous semiconductor substrate.

3. (Previously presented) The method of claim 2, wherein the substrate is selected from the group consisting of nanocrystalline silicon, single crystal silicon, and polycrystalline silicon.

4. (Previously presented) The method of claim 1, wherein metal nanoparticles are added to the metal-coated contact surface.

5. (Original) The method of claim 1, wherein the spectroscopy is Raman spectroscopy.

6. (Original) The method of claim 5, wherein the Raman spectroscopy is surface enhanced Raman spectroscopy (SERS), surface enhanced resonance Raman spectroscopy (SERRS) hyper-Raman and/or coherent anti-Stokes Raman spectroscopy (CARS).

7. (Original) The method of claim 1, wherein the analyte is selected from the group consisting of an amino acid, peptide, polypeptide, protein, glycoprotein, lipoprotein, nucleoside,